

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (canceled).
2. (canceled).
3. (canceled).
4. (currently amended): A radial spherical crystallization product obtained by emitting a mixture of carbon dioxide and ethanol and a solution comprising a sample component into a crystallization vessel through different flow channels to cause them to come in contact with each other as they are emitted into the crystallization vessel, wherein the sample component is a drug carrier, wherein the radial spherical crystallization product has a spherical shell with thorns projecting from said spherical shell, and wherein
 - (i) the flow rate of ethanol is $\frac{1}{4}$ of the flow rate of carbon dioxide,
 - (ii) the mixture of carbon dioxide and ethanol is a poor solvent for the sample component, and
 - (iii) a nozzle used to emit the mixture of carbon dioxide and ethanol, and the solution comprising the sample component is a v-shaped nozzle.
5. (canceled).
6. (canceled).
7. (canceled).
8. (previously presented): The radial spherical crystallization product according to claim 4, wherein the drug carrier is a sugar or sugar alcohol.

9. (canceled).

10. (canceled).

11. (canceled).

12. (canceled).

13. (withdrawn/currently amended): A method for manufacturing a radial spherical crystallization product comprising injecting a mixture of carbon dioxide and ethanol and a solution comprising a sample component into a crystallization vessel through different flow channels to cause them to come in contact with each other as they are emitted into the crystallization vessel, wherein the sample component is a drug carrier, wherein the radial spherical crystallization product has a spherical shell with thorns projecting from said spherical shell, and wherein

(i) the flow rate of ethanol is $\frac{1}{4}$ of the flow rate of carbon dioxide,

(ii) the mixture of carbon dioxide and ethanol is a poor solvent for the sample component, and

(iii) a nozzle used to emit the mixture of carbon dioxide and ethanol, and the solution comprising the sample component is a v-shaped nozzle.

14. (canceled).

15. (canceled).

16. (canceled).

17. (withdrawn): The method for manufacturing a radial spherical crystallization product according to claim 13, wherein the drug carrier is a sugar or sugar alcohol.

18. (canceled).

19. (canceled).

20. (previously presented): A dry powder inhaler comprising the radial spherical crystallization product according to claim 4 or claim 8, mixed with a pharmaceutical drug.

21. (previously presented): A dry powder inhaler comprising the radial spherical crystallization product according to claim 4 or 8.

22. (previously presented): A mixture of the radial spherical crystallization product of claim 4 or 8 and a pharmaceutical drug.